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jc843 U.S.

12-18-01

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'IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

APPLICANT: Robert K. Chen  
John C. Gammel  
Dewayne A. Spires

CASE: Chen 10-13-24

TITLE: Frequency-Dependent Impedance Synthesis for DSL Interface Circuits

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

1. Transmittal Letter (1 page & 2 copies);
2. Declaration and Power of Attorney (4 pages);
3. Assignment Recordation Form Cover Sheet (orig. & 1 copy);
4. Assignment (2 pages); and
5. Patent Application with Informal Drawings (1 Cover Page; 8 Pages of Specification; 3 Pages of Claims; 1 Page of Abstract; 6 Sheet(s) of Drawings).

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	18 - 20=	0	x \$18 =	\$
Independent Claims	2 - 3=	0	x \$84 =	\$
Multiple Dependent Claim(s), if applicable			\$280 =	\$
Basic Fee				\$740
			<u>TOTAL FEE:</u>	<u>\$740</u>

Please file the application and charge **Agere Systems Deposit Account No. 50-1735** the amount of \$740.00, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-1735** as required to correct the error.

The Assistant Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under 37 CFR § 1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Please address all correspondence to **Steve Mendelsohn, Mendelsohn & Associates, P.C., 1515 Market Street, Suite 715, Philadelphia, Pennsylvania 19102**. Telephone calls should be made to me at Area Code (215) 557-6657.

Respectfully submitted,

  
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Date: 12/13/01  
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